



Natural Resource Engineer 2
Pacific Cascade Region
Recruitment #2006-04-NRE2pc

AGENCY MISSION AND CHALLENGE:

The mission of the Department of Natural Resources (DNR) is to provide professional, forward-looking stewardship of our state lands, natural resources, and environment. The DNR provides leadership under the Commissioner of Public Lands, an elected official, in creating a sustainable future for the Public Land Trusts. The DNR manages over 5.6 million acres of state-owned land that includes forest, range, commercial, agricultural and aquatic lands. Since 1970 DNR-managed lands have generated \$6 billion that support public schools, state institutions and county services. These lands also provide public benefits that include fish and wildlife habitat, clean and abundant water and public access to outdoor recreation. The DNR operates with a biennial budget of approximately \$400 million and has over 1400 employees. For more information about the department, see the DNR website at www.dnr.wa.gov

Job Classification:	Natural Resource Engineer 2
Type of Position:	There are several non-permanent positions expected to last 12-18 months. These positions are not represented.
Monthly Salary Range:	\$3,396 – \$4,351
Benefits Package:	Health and dental insurance, retirement pension, vacation, sick leave and holidays
Posting Date:	April 19, 2006
Closing Date:	Open until filled (first screening on May 10 th)
Location:	Various locations available within Pacific Cascade Region

POSITION PROFILE

These positions independently performs assigned forest engineering work in the office or field. Responsibilities include communication and coordination with district and region staff to provide engineering support and expertise in timber sale design, road layout, road maintenance and abandonment planning, public works projects, and preparation of road plans for timber sales. This work includes the design of forest transportation and harvesting systems, the preparation of plans and contracts, and the administration of construction and maintenance contracts.

REQUIRED POSITION QUALIFICATIONS

Note: Opportunities at a lower classification will be considered for applicants who do not necessarily meet all of the required qualifications.

- Knowledge of forest engineering principles, techniques and applications such as: logging systems, harvest system design and road transportation design.
- Knowledge of forest practice standards, laws and rights-of-way.
- Knowledge of contract administration and compliance.
- Demonstrated proficiency in basic survey procedures and use of equipment to collect and process field data for design, construction and costing of engineering projects.
- Demonstrated ability to prepare detailed and accurate descriptions, contracts, cost sheets, etc. for engineering projects.
- Demonstrated strong written and verbal communication skills; possess ability to follow guidelines and request additional information and assistance when needed.
- Ability to work well in a team environment.

This level of knowledge, skill and competency is **typically** acquired by having a Bachelor's degree in Forest Engineering or Civil Engineering and one or more years of engineering experience in harvest system design, forest transportation system design, or forest road construction/maintenance and/or forest road contract administration **or** a Bachelor's degree in Forestry and three or more years of engineering experience in harvest system design, forest transportation system design, or forest road construction/maintenance and/or forest road contract administration.

DESIRED POSITION QUALIFICATIONS

- Experience using engineering software, such as AutoCad, ArcGIS, TraversePC and RoadEng.
- Experience surveying with total stations and auto-levels.
- Knowledge and understanding of field data collection, drafting, design and installation of fish passage structures.
- Experience preparing cost estimates of construction projects.

SPECIAL POSITION REQUIREMENTS AND WORKING CONDITIONS

- These positions require work in both the office and field and includes sustained physical activity in steep brushy terrain and in inclement weather.
- Incumbents may often work alone in isolated areas.
- Working hours are 40 hours per week with some evening and weekend work required to complete projects. Occasional travel outside of the region is required. A valid driver's license and two years of driving experience is required.
- Applicant must be 18 years of age.
- This position requires a valid drivers license and two years of driving experience.

APPLICATION PROCESS

To be considered for this position please submit:

- A letter of interest describing how your experience and qualifications relate to the job profile and the required and desired position qualifications. Indicate in your cover letter how you learned of this opportunity.
- A completed state application – www.dnr.wa.gov/jobs/stateapp.doc
- A resume.
- A five-year driving abstract (record) Issued from the state in which you are currently licensed.

The first screening will be based on information contained in your letter of interest and your state application.

Submit all materials by the closing date to:

E-mail (preferred method)

judy.hainline@wadnr.gov

Please indicate Engineer 2 in the subject line of your e-mail.

US Mail

DNR
ATTN: JUDY
PO BOX 280
CASTLE ROCK WA 98611

By submitting the application materials you are indicating that all information is true and correct to the best of your knowledge. You understand that the state may verify information and that untruthful or misleading information is cause for removal from applicant pool or dismissal if employed.